

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

22858 U.S.PTO  
10/813261  
033104

**Customer Number 32294**

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Docket No.: 58268.00353  
Date: March 31, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**MAILSTOP PATENT APPLICATION**

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): OSCILLATOR WITH QUADRATURE OUTPUT IN A CROSS-COUPLED CONFIGURATION

By (Inventors): Hung-Ming CHIEN

- 21 pages of Specification/Claims 1-30/Abstract are attached.
- Formal drawings (Figs. 1-4; 3 sheets) are attached.
- A Declaration and Power of Attorney is attached.
- An assignment of the invention to Broadcom Corporation is attached, along with Form PTO-1595 and a check for \$40.00.
- An Information Disclosure Statement is attached, along with Form PTO-1449, and \_\_\_\_\_ reference(s).
- This application is entitled to Small Entity Status.
- A Preliminary Amendment is attached.
- Priority of foreign application No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119.
- Priority of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ is claimed under 35 U.S.C. §119(e).
- A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY		LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	Fee	RATE	Fee
BASIC FEE				\$ 385		
TOTAL CLAIMS	30 - 20	= 10	x 9 =	\$	x 18	\$ 180
INDEP CLAIMS	5 - 3	= 2	x 43 =	\$	x 86	\$ 172
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	\$	+290	\$
			TOTAL	\$	OR TOTAL	\$1,122

Check No. 011294 in the amount of \$1,162.00 (\$1,142.00 for the filing fee and \$40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222.

Respectfully submitted,  
 Douglas H. Goldhush  
 Registration No. 33,125

DHG/cct